

SERIES TCS | THERMOCOUPLE TEMPERATURE SWITCH

FEATURES/BENEFITS

- Heating or cooling modes
- Internal alarm buzzer
- Configuration key to quickly load parameters from one unit to another

APPLICATIONS

- Food service equipment
- Industrial process control

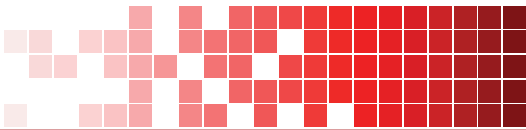


DESCRIPTION

The **Series TCS Thermocouple Temperature Switch** monitors and controls temperature while offering a wide temperature range, two selectable alarm sets, and an internal buzzer indicating alarm condition or error.

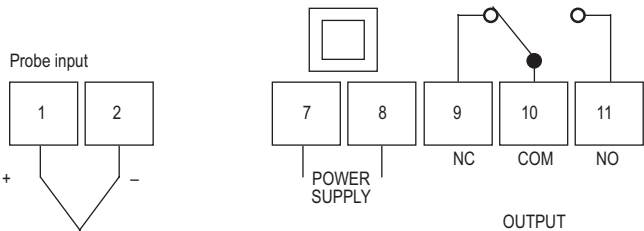
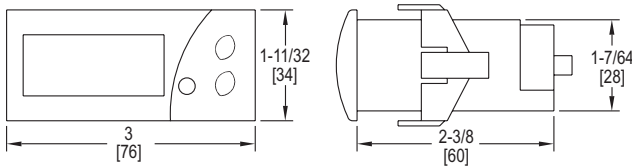
SPECIFICATIONS

Probe Range	32 to 999°F (0 to 700°C) for Type J thermocouple; 32 to 999°F (0 to 999°C) for Type K thermocouple.
Input	Type J or K thermocouple.
Output	SPDT relay rated 16 A @ 240 VAC resistive.
Horsepower Rating	1 HP.
Control type	ON/OFF.
Power Requirements	115 VAC, 230 VAC, 12 VAC/VDC or 24 VAC/VDC (depending on model).
Accuracy	±1% FS.
Display	3-digit, red, 1/2" (12.7 mm) digits, plus sign.
Resolution	1°.
Memory Backup	Nonvolatile memory.
Temperature Limits	Ambient: 32 to 158°F (0 to 70°C); Storage: - 4 to 176°F (-20 to 80°C).
Weight	2.3 oz (65 g).
Front Panel Rating	IP64.
Agency Approvals	CE, cURus.



DIMENSIONS

WIRING DIAGRAM



HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.

SERIES

TCS - Thermocouple temperature switch

SUPPLY POWER

- 401** - 115 VAC
- 402** - 230 VAC
- 403** - 12 VAC/VDC
- 404** - 24 VAC/VDC

TEMPERATURE UNIT

- 0** - Fahrenheit
- 1** - Celsius

ACCESSORIES

Model	Description
TS-Probes	Digital temperature switch probes and accessories